

DP-304542

## ELEMENT SLEEVE FOR A BATTERY

## ABSTRACT

An element body for a compressible stack of battery elements is provided. The element body defines a cavity for receiving the compressible  
5 stack of battery elements. The cavity has a height that is smaller than an uncompressed height of the compressible stack of battery elements. A cover compresses the compressible stack of battery elements to about the height of the cavity. The stack has a plurality of positive plates each having a positive lug, a  
10 plurality of non-conductive separators, and a plurality of negative plates each having a negative lug is provided. The positive plates, separators, and negative plates are configured into the compressible stack.